

CORE DESCRIPTION

ST-2-466

484'-494'

(≈ 4% Recovery, RQD does not apply)

Santa Fe Group Alluvium: Very pale orange (10 YR 8/2) to pale yellowish brown (10 YR 6/2) poorly sorted, poorly to moderately consolidated gravel to cobble conglomerate. Clast size ranges from less than 1mm (0.04 inches) to at least 60mm (2.4 inches). Clasts consist of subangular to subrounded limestone, siltstone, andesite, rhyolite, chert, and sandstone. Matrix is composed of silt, fine-grained sand, carbonate material and clay. Conglomerate is grain supported in some regions and matrix supported in others, however, matrix support is more predominate in this section of core. No bedding is apparent but clasts seem to be slightly imbricated. There are no fractures present in this small section of core.

Visual porosity is estimated at 15-20% and appears to be more porous than permeable.